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FULL ESTIMATED COST	0.42	0.42

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CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

= s Senzaki, Toshihide/in

'IN' IS NOT A VALID FIELD CODE

L1 6 SENZAKI, TOSHIHIDE/IN

= d 11 1-6

L1 ANSWER 1 OF 6 EUROPATFULL COPYRIGHT 2003 WILA

Full  
Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1302490 EUROPATFULL ED 20030423 EW 200316 FS OS  
TIEN HYDROGENATED AROMATIC OLIGOMERS AND PROCESS FOR THEIR PRODUCTION.  
TIDE HYDRIERTE AROMATISCHE OLIGOMERE UND VERFAHREN ZU DEREN HERSTELLUNG.  
TIER OLIGOMERES AROMATIQUE HYDROGENES ET LEUR PROCEDE DE FABRICATION.  
IN **SENZAKI, Toshihide**, Nippon Steel Chemical Co., Ltd, 46-80,  
Sakinohama, Oaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503,  
JP;  
IMAMURA, Takahiro, Nippon Steel Chemical Co., Ltd, 46-80, Sakinohama,  
Oaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP;  
SHIMIZU, Takehiro, Nippon Steel Chemical Co., Ltd., 46-80, Sakinohama,  
Oaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP;  
NAGAI, Munehito, Nippon Steel Chemical Co., Ltd., 46-80, Sakinohama,  
Oaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP  
PA Nippon Steel Chemical Co., Ltd., 21-11, Nishi-gotanda 7-chome,  
Shinjawa-ku, Tokyo 141-0031, JP  
SO Wila-EF2-2003-H16-T1a  
DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE;  
R IT; R LI; R LU; R MC; R NL; R PT; R SE; R TR  
PIT EPA1 EUROPAEISCHE PATENTANMELDUNG (Internationale Anmeldung)  
PI EF 1302490 A1 20030416  
OP 20030416  
AI EF 2001-949942 20010711  
PPAI JF 2000-2000212784 20000713  
RLI WO 01-JP6017 010711 INTAKC  
WO 02006365 020124 INTPNE  
IC ICM 009G014-04  
ICS 009L061-34

L1 ANSWER 2 OF 6 EUROPATFULL COPYRIGHT 2003 WILA

Full  
Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1180507 EUROPATFULL ED 20020304 EW 200208 FS OS  
TIEN PROCESS FOR THE PURIFICATION OF AROMATIC HYDROCARBONS AND PROCESS FOR  
THE PREPARATION OF HIGH-PURITY AROMATIC HYDROCARBONS.  
TIDE VERFAHREN ZUR REINIGUNG VON AROMATISCHEN KOHLENWASSERSTOFFEN UND  
VERFAHREN ZUR HERSTELLUNG VON HOCHREINEN AROMATISCHEN  
KOHLENWASSERSTOFFEN.  
TIFR PROCEDE POUR PURIFIER DES HYDROCARBURES AROMATIQUES ET PROCEDE POUR  
PREPARER DES HYDROCARBURES AROMATIQUES TRES PURS.  
IN **SENZAKI, Toshihide** Nippon Steel Chemical Co., Ltd., 46-80,  
Sakinohama Oaza Nakabaru Tobata-ku, Kitakyushu-shi Fukuoka-ken 804-8503,  
JP;  
IMAMURA, Takahiro Nippon Steel Chemical Co., Ltd., 46-80, Sakinohama  
Oaza Nakabaru Tobata-ku, Kitakyushu-shi Fukuoka-ken 804-8503, JP;  
TAKAYAMA, Takeshi Nippon Steel Chemical Co., Ltd., 46-80, Sakinohama  
Oaza Nakabaru Tobata-ku, Kitakyushu-shi Fukuoka-ken 804-8503, JP;  
NOGUCHI, Katsuhide Nippon Steel Chemical Co., Ltd., 46-80, Sakinohama  
Oaza Nakabaru Tobata-ku, Kitakyushu-shi Fukuoka-ken 804-8503, JP  
PA Nippon Steel Chemical Co., Ltd., 21-11, Nishi-gotanda 7-chome,  
Shinagawa-ku, Tokyo 141-0031, JP  
SO Wila-EFZ-2002 H08-T1a  
DS P AT; P BE; P CH; P CY; P DE; P DK; P ES; P FI; P FR; P GB; P GR; P IE;  
P IT; P LI; P LU; P MC; P NL; P PT; P SE  
PIT EPAL EUPOPAEISCHE PATENTANMELDUNG (Internationale Anmeldung)  
FI EP 1180507 A1 20020220  
OD 10020220  
AI EP 2000-921078 20000427  
PRAI JP 1999-122671 19990428  
JP 1999-168374 19990619  
RLI WO 00/02773 000417 INTAKZ  
WO 00/06521 001109 INTAKZ  
IC ICM C07C007-177  
ICS C07C015-24 C07C015-28 C07C015-04 C07C015-02  
C07C015-20  
ICI A01N027-00 C11B009:00

LI ANSWER 3 OF 6 PCTFULL COPYRIGHT 2003 Univentio

Full  
Text

AN 2003014223 PCTFULL ED 20030303 EW 200308  
TIEN RESIN COMPOSITION  
TIFR COMPOSITION DE RESINE  
IN **SENZAKI, Toshihide, c/o Research & Development Laboratories, Nippon  
Steel Chemical Co., Ltd., 46-80, Sakinohama, Oaza Nakabaru, Tobata-ku,  
Kitakyushu-shi, Fukuoka 804-8503, JP [JP, JP];**  
IMAMURA, Takahiro, c/o Research & Development Laboratories, Nippon Steel  
Chemical Co., Ltd., 46-80, Sakinohama, Oaza Nakabaru, Tobata-ku,  
Kitakyushu-shi, Fukuoka 804-8503, JP [JP, JP]  
PA NIPPON STEEL CHEMICAL CO., LTD., 21-11, Nishi Gotanda 7-chome,  
Shinagawa-ku, Tokyo 141-0031, JP [JP, JP], for all designated States  
except US;  
SENZAKI, Toshihide, c/o Research & Development Laboratories, Nippon  
Steel Chemical Co., Ltd., 46-80, Sakinohama, Oaza Nakabaru, Tobata-ku,  
Kitakyushu-shi, Fukuoka 804-8503, JP [JP, JP], for US only;  
IMAMURA, Takahiro, c/o Research & Development Laboratories, Nippon Steel  
Chemical Co., Ltd., 46-80, Sakinohama, Oaza Nakabaru, Tobata-ku,  
Kitakyushu-shi, Fukuoka 804-8503, JP [JP, JP], for US only  
AG NARUSE, Katsuo, 5th Floor, Central Shinkashi Bldg., 11-5,  
Nishi-shinjashi 2-chome, Minato-ku, Tokyo 105-0003, JP  
LAF Japanese

LA Japanese  
DT Patent  
PI WO 2003014223 A1 20030210  
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CC CR CU CZ  
DE DK DM DS EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MF MN MW MX NZ  
NO NG OM PH PL PT PQ RU SD SE SG SI SK SL TJ TM TN TR TT TZ  
UA UG US UZ VN YU ZA ZM ZW  
FW (AFIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
PW (EAPC): AM AZ BY EG KE MD RU TJ TM  
PW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT  
SE SK TP  
FW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
AI WO 2002-JP7865 A 20010801  
PRAI JP 2001-2001-235168 20010802  
ICM C08L061-18  
ICS C08L061-34; C08K005-13; F16F015-02

L1 ANSWER 4 OF 6 PCTFULL COPYRIGHT 2003 Univentio

Full  
Text

AN 2002006365 PCTFULL ED 20020814  
TIEN HYDROGENATED AROMATIC OLIGOMERS AND PROCESS FOR THEIR PRODUCTION  
TIFR OLIGOMERES AROMATIQUES HYDROGENES ET LEUR PROCEDE DE FABRICATION  
IN **SENZAKI, Toshihide;**  
IMAMURA, Takahiro;  
SHIMIZU, Takehiro;  
NAGAI, Munehito  
PA NIPPON STEEL CHEMICAL CO., LTD.;  
SENZAKI, Toshihide;  
IMAMURA, Takahiro;  
SHIMIZU, Takehiro;  
NAGAI, Munehito  
DT Patent  
PI WO 2002006365 A1 20020124  
DS W: CN CP FR US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE TR  
AI WO 2001-JP6017 A 20010711  
PRAI JP 2000-2000-212784 20000713  
ICM C08G014-04  
ICS C08L061-34

L1 ANSWER 5 OF 6 PCTFULL COPYRIGHT 2003 Univentio

Full  
Text

AN 2001016199 PCTFULL ED 20020828  
TIEN AROMATIC OLIGOMER AND USE THEREOF  
TIFR OLIGOMERE AROMATIQUE ET SON UTILISATION  
IN **SENZAKI, Toshihide;;**  
IMAMURA, Takahiro;  
PA NIPPON STEEL CHEMICAL CO., LTD.;  
SENZAKI, Toshihide;;  
IMAMURA, Takahiro;  
DT Patent  
PI WO 2001016199 A1 20010303  
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE  
DK DM DS EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG  
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT PQ RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN  
YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ  
MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
AI WO 2000-JP5861 A 20000830  
PRAI JP 1999-11/244432 19990831

ICM JF 2000-2000/200630 20000703  
 ICM C08G014-04  
 ICS C08L061-34; C09D161-34; C09J161-34

L1 ANSWER 5 OF 6 PCTFULL COPYRIGHT 2003 Univentio

Full  
Text

AN 2000066521 PCTFULL ED 20020515  
 TIEN PROCESS FOR THE PURIFICATION OF AROMATIC HYDROCARBONS AND PROCESS FOR  
 THE PREPARATION OF HIGH-PURITY AROMATIC HYDROCARBONS  
 TIER PROCEDE POUR PURIFIER DES HYDROCARBURES AROMATIQUES ET PROCEDE POUR  
 PREPARER LES HYDROCARBURES AROMATIQUES TRES PURS  
 IN SENZAKI, Toshihide;;  
 IMAMURA, Takahiro;;  
 TAKAYAMA, Takeshi;;  
 NOGUCHI, Katsuhide;  
 PA NIPPON STEEL CHEMICAL CO., LTD.;  
 SENZAKI, Toshihide;;  
 IMAMURA, Takahiro;;  
 TAKAYAMA, Takeshi;;  
 NOGUCHI, Katsuhide;  
 LA Japanese  
 DT Patent  
 PI WO 2000066521 A1 20001109  
 DS W: CN KR US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
 SE  
 AI WO 2000-JF2796 A 20000427  
 PRAI JP 1999-11/122671 19990429  
 JP 1999-11/168374 19990415  
 ICM C07C007-177  
 ICS C07C015-24; C07C015-28; C07C015-04; C07C015-02; C07C015-20;  
 A01N027-00; C11B009-00

=> s aromatic oligomer# and (naphthalene or acenaphthene or fluorene or anthracene or  
 L2 27 AROMATIC OLIGOMER# AND (NAPHTHALENE OR ACENAPHTHENE OR FLUORENE  
 OF ANTHRACENE OR PHENANTHRENE OR PYRENE OR BENZOTHIOPHENE OR  
 FLUORANTHENE) AND (PHENOL# OR ALKYLPHENOL#) AND (FORMALIN OR  
 FORMALDEHYDE)

=> s 12 and softening point#  
 L3 6 L2 AND SOFTENING POINT#

=> d 13 1-6

L3 ANSWER 1 OF 6 EUROPATFULL COPYRIGHT 2003 WILA

Full  
Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1302490 EUROPATFULL ED 20030423 EW 200316 FS OS  
 TIEN HYDROGENATED **AROMATIC OLIGOMERS** AND PROCESS FOR THEIR PRODUCTION.  
 TIDE HYDRIERTE AROMATISCHE OLIGOMERE UND VERFAHREN ZU DEREN HERSTELLUNG.  
 TIER OLIGOMERES AROMATIQUE HYDROGENES ET LEUR PROCEDE DE FABRICATION.  
 IN SENZAKI, Toshihide, Nippon Steel Chemical Co., Ltd, 46-80, Sakinohama,  
 Oaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP;  
 IMAMURA, Takahiro, Nippon Steel Chemical Co., Ltd, 46-80, Sakinohama,  
 Oaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP;  
 SHIMIZU, Takehiro, Nippon Steel Chemical Co., Ltd., 46-80, Sakinohama,  
 Oaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP;  
 NAGAI, Munehito, Nippon Steel Chemical Co., Ltd., 46-80, Sakinohama,  
 Oaza Nakabaru, Tobata-ku, Kitakyuahu-shi, Fukuoka 804-8503, JP  
 PA Nippon Steel Chemical Co., Ltd., 21-11, Nishi-gotanda 7-chome,

Shinagawa-ku, Tokyo 141-0031, JP  
 SO Wila-EPZ-2003-H16-T1a  
 DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE;  
 R IT; R LI; R LU; R MC; R NL; R PT; R SE; R TR  
 PIT EPA1 EUROPAEISCHE PATENTANMELDUNG (Internationale Anmeldung)  
 FI EP 1302407 A1 20030416  
 OD 20030416  
 AI EP 2001-949942 20010711  
 FRAI JP 2000-2000212784 20000713  
 FLI WO 01-JP6017 010711 INTAKZ  
 WO 02006365 020124 INTFNR  
 IC ICM C08G014-04  
 ICS C08L061-34

L3 ANSWER 2 OF 6 USPATFULL

Full Citing  
 Text References

AN 2003:100246 USPATFULL  
 TI **Aromatic oligomer**, phenolic resin composition containing the same,  
 and epoxy resin composition and cured product obtained therefrom  
 IN Kaji, Masashi, Fukuoka, JAPAN  
 Yonekura, Kiyokazu, Fukuoka, JAPAN  
 FI US 2003068357 A1 20030410  
 AI US 2002-257053 A1 20021003 (10)  
 WO 2001-JP3072 20010410  
 DT Utility  
 FS APPLICATION  
 LN.CNT 634  
 INCL INCLM: 525/107.000  
 NCL NCLM: 525/107.000  
 IC [7]  
 ICM: C09F003-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 6 USPATFULL

Full Citing  
 Text References

AN 88:24476 USPATFULL  
 TI **Aromatic oligomers** and resins  
 IN Jones, Michael E. B., Chester, England  
 PA Imperial Chemical Industries plc, United States (non-U.S. corporation)  
 FI US 4739032 19880419  
 AI US 1987-31787 19870330 (7)  
 FLI Division of Ser. No. US 1986-863417, filed on 15 May 1986, now patented,  
 Pat. No. US 4673725 which is a division of Ser. No. US 1985-725347,  
 filed on 19 Apr 1985, now patented, Pat. No. US 4599373 which is a  
 division of Ser. No. US 1983-558525, filed on 6 Dec 1983, now patented,  
 Pat. No. US 4530992  
 FRAI GB 1982-34715 19821206  
 GB 1983-14707 19830527  
 DT Utility  
 FS Granted  
 LN.CNT 1489  
 INCL INCLM: 528/230.000  
 INCLS: 528/232.000; 528/242.000; 528/247.000; 528/248.000; 528/249.000;  
 528/250.000; 528/265.000; 528/269.000  
 NCL NCLM: 528/230.000  
 NCLS: 528/232.000; 528/242.000; 528/247.000; 528/248.000; 528/249.000;  
 528/250.000; 528/265.000; 528/269.000  
 IC [4]  
 ICM: C08G016-04  
 EXF 528/230; 528/232; 528/242; 528/247; 528/248; 528/249; 528/250; 528/265;  
 528/269  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 6 USPATFULL

Full Text	Citing References
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AN 87:43405 USPATFULL  
 TI Process for the preparation of **aromatic oligomers**  
 IN Jones, Michael E. B., Chester, England  
 PA Imperial Chemical Industries PLC, London, England (non-U.S. corporation)  
 PI US 4673725 19870616  
 AI US 1986-863417 19860515 (6)  
 RLI Division of Ser. No. US 1985-725347, filed on 19 Apr 1985, now patented, Pat. No. US 4599373 And Ser. No. US 1983-558525, filed on 6 Dec 1983, now patented, Pat. No. US 4530992  
 PRAI GB 1982-34715 19821206  
 GB 1983-14707 19830527  
 DT Utility  
 FS Granted  
 LN.CNT 1485  
 INCL INCLM: 528/266.000  
 INCLS: 528/232.000; 528/240.000; 528/241.000; 528/265.000; 528/269.000  
 NCL NCLM: 528/266.000  
 NCLS: 528/232.000; 528/240.000; 528/241.000; 528/265.000; 528/269.000  
 IC [4]  
 ICM: C08G012-04  
 EXF 528/232; 528/240-241; 528/265-266; 528/269  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 6 USPATFULL

Full Text	Citing References
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AN 86:76667 USPATFULL  
 TI **Aromatic oligomers** and resins  
 IN Jones, Michael E. B., Chester, England  
 PA Imperial Chemical Industries PLC, London, England (non-U.S. corporation)  
 PI US 4599373 19860703  
 AI US 1985-725347 19850419 (6)  
 RLI Division of Ser. No. US 1983-558525, filed on 6 Dec 1983, now patented, Pat. No. US 4530992, issued on 23 Jul 1985  
 PRAI GB 1982-34715 19821206  
 GB 1983-14707 19830527  
 DT Utility  
 FS Granted  
 LN.CNT 1495  
 INCL INCLM: 523/116.000  
 INCLS: 260/998.110; 523/117.000; 433/228.100  
 NCL NCLM: 523/116.000  
 NCLS: 260/998.110; 433/228.100; 523/117.000  
 IC [4]  
 ICM: A61K006-03  
 ICS: A61K005-04  
 EXF 523/116; 523/117; 260/998.11; 433/228  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 6 USPATFULL

Full Text	Citing References
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AN 85:43295 USPATFULL  
 TI **Aromatic oligomers** and resins  
 IN Jones, Michael E. B., Chester, England  
 PA Imperial Chemical Industries PLC, London, England (non-U.S. corporation)  
 PI US 4530992 19850723  
 AI US 1983-558525 19831206 (6)  
 PRAI GB 1982-34715 19821206  
 GB 1983-14707 19830527

DT Utility  
 FS Granted  
 LN.CNT 1512  
 INCL INCLM: 528/232.000  
 INCLS: 523/109.000; 523/120.000; 525/400.000; 528/242.000; 528/247.000;  
 528/265.000; 528/269.000  
 NCL NCLM: 528/232.000  
 NCLS: 523/109.000; 523/120.000; 525/400.000; 528/242.000; 528/247.000;  
 528/265.000; 528/269.000  
 IC [3]  
 ICM: C08G010-02  
 ICS: C08G012-02  
 EXF 528/232; 528/242; 528/247; 528/265; 528/269; 525/400; 523/109; 523/120  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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